

ABSTRACT OF SANITARY REPORTS.

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UNITED STATES.

SPECIAL REPORTS.

Yellow fever and smallpox reported in Costa Rica.—Acting Assistant Surgeon W. W. McKay, in charge of the United States Quarantine at San Diego, Cal., forwards with his weekly report, dated March 16, a clipping from the Associated Press dispatches which indicates that yellow fever is prevailing at Punta Arénas, Alajuela, and Heredia, and typhoid fever is epidemic at San José, and smallpox at Cantago, Costa Rica.

He states: "Pacific mail steamers touch here regularly now and the greatest care will be exercised and a thorough inspection made of them. Our wharf and gangway will soon be completed, and, should an emergency require it, I could handle their largest steamers."

Reports of States, and yearly and monthly reports of cities.

CALIFORNIA.—Reports to the State board of health from 118 cities, towns, and villages, having an aggregate population of 813,877, show a total of 1,208 deaths, including phthisis pulmonalis, 129; influenza, 29; enteric fever, 17; scarlet fever, 14; diphtheria, 42; measles, 14; croup, 9; and whooping cough, 6.

San Diego.—Year of 1891. Population, 16,159. Total deaths, 181, including phthisis pulmonalis, 40; enteric fever, 1; scarlet fever, 2; and whooping cough, 3.

CONNECTICUT.—Reports to the State board of health from 166 towns, having an estimated population of 745,006, show a total of 1,276 deaths, including phthisis pulmonalis, 139; influenza, 60; enteric fever, 16; scarlet fever, 18; diphtheria and croup, 50; and whooping cough, 6.

ILLINOIS—Chicago.—Month of February, 1892. Population, 1,099,850. Total deaths, 2,275, including phthisis pulmonalis, 188; influenza, 29; enteric fever, 187; scarlet fever, 46; croup, 44; and whooping cough, 15.

MASSACHUSETTS—*Northampton*.—Month of February, 1892. Population, 14,990. Total deaths, 25, including phthisis pulmonalis, 2; influenza, 2; and diphtheria, 2.

MICHIGAN.—Week ended March 12, 1892. Reports to the State board of health, Lansing, indicate that inflammation of bowels, inflammation of kidney, pleuritis, remittent fever, and scarlet fever increased, and that cerebro-spinal meningitis, typhoid fever, inflammation of brain, cholera infantum, diarrhea, and diphtheria decreased in area of prevalence.

Diphtheria was reported present during the week at 26 places, scarlet fever at 53, enteric fever at 10, and measles at 10 places.

MINNESOTA—*Minneapolis*.—Month of February, 1892. Population, 164,738. Total deaths, 186, including phthisis pulmonalis, 24; influenza, 8; enteric fever, 2; scarlet fever, 8; measles, 3; and whooping cough, 1.

WINONA.—Month of February, 1892. Population, 18,208. Total deaths, 32, including phthisis pulmonalis, 2; enteric fever, 1; scarlet fever, 2; and croup, 1.

NEW JERSEY—*Hudson County*.—Month of January, 1892. Population, 292,574. Total deaths, 666, including phthisis pulmonalis, 69; enteric fever, 9; scarlet fever, 33; diphtheria, 17; and whooping cough, 4.

Month of February, 1892. Total deaths, 524, including phthisis pulmonalis, 48; enteric fever, 7; scarlet fever, 22; diphtheria, 16; measles, 2; and whooping cough, 1.

PENNSYLVANIA—*Titusville*—*Smallpox*.—Under date March 21, 1892, Dr. Benjamin Lee, secretary State board of health, reports one case of smallpox at Titusville, brought from New York City per steamship *Diana*, which arrived there on the 5th instant. The case has been isolated.

RHODE ISLAND.—Month of February, 1892. Reports to the State board of health from cities and towns representing an estimated population of 302,897 show a total of 434 deaths, including phthisis pulmonalis, 47; influenza, 24; enteric fever, 8; scarlet fever, 8; diphtheria, 6; croup, 13; measles, 1; and whooping cough, 3. The *Monthly Bulletin* says:

Compared with the previous month, the influenza and pneumonia were less frequent, and rather less severe, bronchitis continuing with about an equal prevalence, and diphtheria, scarlatina, and typhoid fever with a diminished prevalence. Measles had quite large prevalence in Smithfield, Johnston, and Woonsocket.

Publications received.

Thirteenth annual report of the board of health of the city of Atlanta,
Ga., 1891.

Annual report of the board of health of the city of Baltimore, Md.,
1891.

Annual report of the board of health of the city of Brockton, Mass.,
1891.

Annual report of the department of health of the city of Charleston,
S. C., 1891.

Annual report of the State board of health of New York, 1890.

Annual report of the State board of health of Pennsylvania, 1890.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Comparative mortality table of certain cities of the United States for the year ended December 31, 1891 (as reported to the U. S. Marine-Hospital Bureau).

Cities.	Population, Census of 1890.	Total deaths from all causes.	Annual rate per 1,000 of popula- tion.
New York, N. Y.	1,515,301	43,659	28.8
Chicago, Ill.	1,099,850	27,715	24.3
Philadelphia, Pa.	1,046,964	23,041	22.0
Brooklyn, N. Y.	806,343	21,349	26.4
St. Louis, Mo.	451,770	9,530	21.0
Boston, Mass.	448,477	10,571	23.5
Baltimore, Md.	434,439	10,073	23.1
San Francisco, Cal.	298,997	6,873	23.3
Cincinnati, Ohio.	256,908	6,636	22.3
Cleveland, Ohio.	261,353	5,204	12.2
Buffalo, N. Y.	255,664	6,001	23.4
New Orleans, La.	242,039	6,856	23.3
Pittsburg, Pa.	238,617	5,823	24.4
Washington, D. C.	230,302	6,103	26.0
Detroit, Mich.	205,876	3,982	19.3
Milwaukee, Wis.	204,468	4,689	22.9
Newark, N. J.	181,830	5,155	28.3
Minneapolis, Minn.	164,738	2,272	13.7
Louisville, Ky.	161,129	3,087	19.1
Rochester, N. Y.	133,896	2,506	18.7
Kansas City, Mo.	132,716	1,643	12.3
Providence, R. I.	132,146	2,630	19.9
Indianapolis, Ind.	105,436	1,948	18.4
Toledo, Ohio.	81,434	1,475	18.1
Richmond, Va.	81,388	2,171	26.6
Nashville, Tenn.	76,168	1,803	23.6
Fall River, Mass.	74,398	1,813	24.3
Wilmington, Del.	61,431	1,237	20.1
Portland, Me.	36,425	630	17.2
Binghamton, N. Y.	35,005	678	17.8
Yonkers, N. Y.	32,033	671	20.9
Mobile, Ala.	31,076	787	25.3
Galveston, Tex.	29,084	698	23.9
Auburn, N. Y.	25,858	510	19.6
Newton, Mass.	24,379	373	15.3
San Diego, Cal.	16,159	1,891	11.7
Rock Island, Ill.	13,634	159	11.6
Pensacola, Fla.	11,750	237	21.8

Table of temperature and rainfall, week ended March 18, 1892.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hun- dredths		
	Normal.	*Excess.	*Defic'nc'y.	Normal.	Excess.	Deficiency.
New England States:						
Eastport, Me.	28		72	1.21		1.09
Portland, Me.	30		66	.77		.57
Boston, Mass.	34		63	1.04	.31	
Block Island, R. I.	34		49	.91	.24	
Middle Atlantic States:						
Albany, N. Y.	32		68	.65		.59
New York, N. Y.	36		66	.91	.41	
Philadelphia, Pa.	39		70	.70	.57	
Atlantic City, N. J.	37		59	.91	.25	
Baltimore, Md.	41		73	.93	.72	
Washington, D. C.	40		58	.98	.47	
Lynchburg, Va.	45		61	.91	.53	
Norfolk, Va.	46		44	1.05	.65	
South Atlantic States:						
Charlotte, N. C.	50		69	1.11		.35
Wilmington, N. C.	53		53	.98	.16	
Charleston, S. C.	56		40	.91		.67
Augusta, Ga.	55		60	1.26		1.09
Savannah, Ga.	58		40	.84		.41
Jacksonville, Fla.	61		21	.75		.55
Key West, Fla.	72		12	.28		.07

*The figures in these columns represent the accumulated excess or deficiency for the week. To obtain the average daily departure these should be divided by seven.

Table of temperature and rainfall, week ended March 18, 1892—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hun- dredths.		
	Normal.	*Excess.	*Defic'ney.	Normal.	Excess.	Deficiency.
Gulf States:						
Atlanta, Ga.	51			61	1.47	.82
Pensacola, Fla.	60			41	1.26	.48
Mobile, Ala.	59			47	1.80	
Montgomery, Ala.	57			46	1.40	1.00
Vicksburg, Miss.	58			49	1.47	.00
New Orleans, La.	62			50	1.29	.18
Shreveport, La.	58			100	1.05	.67
Fort Smith, Ark.	51			55	.57	.42
Little Rock, Ark.	53			102	1.06	.35
Palestine, Tex.	59			91	.98	1.32
Galveston, Tex.	62			59	.75	.36
San Antonio, Tex.	62			85	.47	.00
Corpus Christi, Tex.	64			73	.38	.13
Brownsville, Tex.	68			65	.35	.27
Ohio Valley and Tennessee:						
Memphis, Tenn.	52			98	1.33	1.06
Nashville, Tenn.	48			85	1.19	.87
Chattanooga, Tenn.	50			68	1.47	
Knoxville, Tenn.	47			66	1.26	.14
Louisville, Ky.	45			68	.91	.54
Indianapolis, Ind.	39			70	.91	.86
Cincinnati, Ohio	42			87	.77	.61
Columbus, Ohio	38			79	.73	.60
Pittsburg, Pa.	38			77	.63	.26
Lake Region:						
Oswego, N. Y.	29			77	.63	.45
Rochester, N. Y.	29			69	.68	.01
Buffalo, N. Y.	29			64	.63	.28
Erie, Pa.	32			82	.65	.28
Cleveland, Ohio	32			63	.68	.42
Sandusky, Ohio	33			62	.57	.45
Toledo, Ohio	34			67	.49	.32
Detroit, Mich.	33			74	.56	.40
Port Huron, Mich.	28			56	.70	.63
Alpena, Mich.	22			64	.42	.36
Marquette, Mich.	21			63	.29	.07
Grand Haven, Mich.	30			66	.54	.53
Milwaukee, Wis.	29			66	.56	.43
Chicago, Ill.	34			80	.56	.53
Duluth, Minn.	23			77	.35	.35
Upper Mississippi Valley:						
St. Paul, Minn.	27			92	.28	.27
La Crosse, Wis.	30			69	.35	.35
Dubuque, Iowa	32			61	.49	.49
Davenport, Iowa	34			56	.49	.49
Des Moines, Iowa	34			61	.28	.27
Keokuk, Iowa	37			62	.49	.49
Springfield, Ill.	39			69	.56	.56
Cairo, Ill.	45			86	.84	.00
St. Louis, Mo.	43			77	.70	.66
Missouri Valley:						
Springfield, Mo.	44			98	.75	.22
Kansas City, Mo.	39			93	.42	.13
Concordia, Kans.	39			73	.42	.37
Omaha, Nebr.	36			72	.28	.28
Valentine, Nebr.	33			119	.22	.72
Huron, S. Dak.	28			87	.14	.10
Pierre, S. Dak.	29			98	.14	.03
Extreme Northwest:						
Moorhead, Minn.	19			83	.14	.08
Bismarck, N. Dak.	24			102	.21	.18
Buford, Fort, N. Dak.	24			77	.07	.07
Rocky Mountain Slope:						
Assiniboine, Fort, Mont.	29			61	.12	.06
Helena, Mont.	34			34	.14	.04
Sal Lake City, Utah	42	39		42		.15
Cheyenne, Wyo.†	35			14		
North Platte, Nebr.	37			95	.14	.04
Denver, Colo.	40			84	.14	.09
Montrose, Colo.	41			6	.07	.47

* The figures in these columns represent the accumulated excess or deficiency of the week. To obtain the average daily departure these should be divided by seven.

† Reports missing.

Table of temperature and rainfall, week ended March 18, 1892—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hun- dredths.		
	Normal.	*Excess.	*Deficiency.	Normal.	Excess.	Deficiency.
Rocky Mountain Slope—Cont'd.						
Pueblo, Colo.	42	.....	101	.07	.55	.....
Dodge City, Kans.	43	.....	130	.20	.77	.....
Abilene, Tex.	56	.....	106	.28	.....	.05
Santa Fé, N. Mex.	40	1	.....	.14	.....	.06
Pacific Coast:						
Olympia, Wash.	45	49	.....	1.17	.....	.81
Portland, Oreg.	49	38	.....	1.42	.....	1.06
Roseburg, Oreg.	49	43	.....	.70	.30	.....
Red Bluff, Cal.†	55	.....	.....	.77	.....	.....
Sacramento, Cal.	56	9	.....	.77	.25	.....
San Francisco, Cal.	55	.....	8	.77	.13	.....
Los Angeles, Cal.	58	5	.....	.91	.....	.87
San Diego, Cal.†	57	.....	.....	.32	.....	.....
Yuma, Ariz.†	65	.....	.....	.07	.....	.....

* The figures in these columns represent the accumulated excess or deficiency of the week. To obtain the average daily departure these should be divided by seven.

† Reports missing.

FOREIGN.

(Reports received through the Department of State and other channels.)

BAHAMAS—*Governor's Harbor*.—Two weeks ended February 13, 1892. Population, 1,116. One death.

Green Turtle Cay—Abaco.—Two weeks ended February 24, 1892. Population, 3,686. Total deaths, 2. No deaths from contagious disease.

BRAZIL—*Bahia*.—Under date of February 9, 1892, the United States consul writes as follows:

I have to report that the health of this community is good. Since the beginning of the year 1892 there have been six sporadic cases of yellow fever within the limits of Bahia, and 1 death from same, but no trouble is apprehended from the spread of the fever and there is no suspicion of a plague.

CUBA—*Havana*.—The United States sanitary inspector sends the following reports, dated March 5 and 12, 1892:

There were 85 deaths in this city during the week ended March 3, 1892.

One of these deaths was caused by yellow fever, 3 by enteric fever, 1 by bilious fever, 1 by pernicious fever, 3 by diphtheria and croup, and 2 by the grippe.

During the week ended March 10, 1892, there were 134 deaths in this city. Six of these deaths were caused by enteric fever, 1 by paludal fever, 1 by diphtheria, 2 by the grippe, and 1 by glanders.

Santiago de Cuba.—Two weeks ended February 14, 1892. Total deaths, 44, including phthisis pulmonalis, 4; yellow fever, 1; and croup, 2.

FRANCE—*Marseilles*.—Month of February, 1892. Population, 406,919. Total deaths, 1,101, including smallpox, 11; enteric fever, 17; scarlet fever, 1; diphtheria and croup, 71; measles, 12; and whooping cough, 2.

Rheims.—Month of January, 1892. Population, 105,408. Total deaths, 322, including phthisis pulmonalis, 19; smallpox, 5; diphtheria and croup, 6; and measles, 48.

Rouen.—Month of January, 1892. Population, 111,847. Total deaths, 354, including phthisis pulmonalis, 38; enteric fever, 1; and whooping cough, 1.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 28 great towns of England and Wales during the week ended March 5 corresponded to an annual rate of 20.5 a thousand of the aggregate population, which is estimated at 10,185,736. The lowest rate was recorded in Portsmouth, viz, 15.3, and the highest in Preston, viz, 32.5 a thousand.

London.—One thousand five hundred and forty-five deaths were registered during the week, including measles, 52; scarlet fever, 10; diphtheria, 27; whooping cough, 67; typhus fever, 1; enteric fever, 4; and diarrhea and dysentery, 16. The deaths from all causes corresponded to an annual rate of 18.9 a thousand. Diseases of the respir-

atory organs caused 379 deaths. In greater London 1,984 deaths were registered, corresponding to an annual rate of 18.0 a thousand of the population. In the "outer ring" the deaths included measles 10 and whooping cough 18.

Ireland.—The average annual death rate represented by the deaths registered during the week ended March 5, in the 16 principal town districts of Ireland, was 31.9 a thousand of the population. The lowest rate was recorded in Armagh, viz, 0.0, and the highest in Sligo, viz, 61.9 a thousand. In Dublin and suburbs 219 deaths were registered, including enteric fever, 4; influenza, 8; measles, 7; and whooping cough, 8.

Scotland.—The deaths registered in 8 principal towns during the week ended March 5 corresponded to an annual rate of 22.5 a thousand of the population, which is estimated at 1,338,314. The lowest mortality was recorded in Perth, viz, 18.5, and the highest in Paisley, viz, 26.0 a thousand. The aggregate number of deaths registered from all causes was 626, including measles, 11; scarlet fever, 4; diphtheria, 12; whooping cough, 19; fever, 8; and diarrhea, 7.

NETHERLANDS.—Month of November, 1891. Reports from the 12 principal cities, having an aggregate population of 1,198,116, show a total of 2,118 deaths, including phthisis pulmonalis and throat diseases, 188; typhus and enteric fever, 15; scarlet fever, 1; diphtheria, 25; measles, 9; croup, 22; and whooping cough, 47.

Amsterdam.—Month of January, 1892. Population, 426,480. Enteric fever caused 6 deaths and diphtheria 12. Total deaths from all causes not reported.

NEW ZEALAND.—Month of November, 1891. Reports to the registrar-general from the 4 principal cities and towns having an aggregate population of 98,233 show a total of 94 deaths, including phthisis pulmonalis, 6; enteric fever, 2; and whooping cough, 6.

Month of December, 1891. Total deaths, 125, including phthisis pulmonalis, 14; enteric fever, 4; diphtheria, 1; influenza, 13; and whooping cough, 2.

Month of January, 1892. Total deaths, 169, including phthisis pulmonalis, 16; enteric fever, 2; influenza, 30; diphtheria, 2; and whooping cough, 5.

RUSSIA—Riga.—Month of December, 1891. Population, 200,000. Total deaths, 369, including phthisis pulmonalis, 49; enteric fever, 6; scarlet fever, 42; diphtheria, 22; measles, 1; and whooping cough, 3.

SWITZERLAND—Zurich.—Month of January, 1892. Population, 91,323. Total deaths, 118, including phthisis pulmonalis, 13; typhus fever, 1; diphtheria and croup, 6; measles, 5; and whooping cough, 2.

WEST INDIES—Trinidad.—Two weeks ended February 20, 1892. Total deaths, 57. No deaths reported from contagious disease.

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—						
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
London.....	Feb. 27.....	5,752,204	2,261						42	75
London.....	Mar. 5.....	5,752,204	1,984						30	62
Paris.....	Feb. 27.....	2,424,705	1,095						26	14
Glasgow.....	Feb. 27.....	669,143	321						1	4
Hamburg.....	Feb. 20.....	570,534	267						8	
Liverpool.....	Feb. 27.....	513,786	292							
Buda-Pesth.....	Feb. 26.....	507,000			1		1			16
Brussels.....	Feb. 27.....	482,158	223					2		
Warsaw.....	Feb. 20.....	463,272	247			4		6	4	
Rome.....	Jan. 23.....	436,179	315				3	32	5	
Lyons.....	Feb. 27.....	430,000	210					1	11	
Amsterdam.....	Feb. 27.....	426,480	187				1	1	2	
Cairo.....	Feb. 18.....	374,838	357			1	12			2
Munich.....	Feb. 20.....	366,000	204					3	7	
Copenhagen.....	Feb. 20.....	326,000	150				1			
Copenhagen.....	Feb. 27.....	326,000	143						6	
Cologne.....	Mar. 5.....	291,461	160						1	9
Dresden.....	Feb. 20.....	286,200	141						4	6
Dresden.....	Feb. 27.....	286,200	115						1	8
Barcelona.....	Feb. 26.....	272,000	233			5		5		7
Edinburgh.....	Feb. 27.....	264,787	95					1	1	2
Edinburgh.....	Mar. 5.....	264,787	88						1	1
Belfast.....	Feb. 27.....	255,922	132				1	2		
Palermo.....	Feb. 27.....	250,000	108					1		
Antwerp.....	Feb. 27.....	241,263	113					1	1	
Alexandria.....	Feb. 18.....	231,366	218		1					
Bristol.....	Mar. 5.....	223,592	80					1		
Rotterdam.....	Mar. 5.....	216,678	109						1	
Hanover.....	Feb. 20.....	185,200	65						1	2
Prague.....	Feb. 27.....	182,887	136						1	
Genoa.....	Feb. 27.....	181,338	119			3		1	2	
Frankfort-on-the-Main.....	Feb. 27.....	180,000	73						1	6
Venice.....	Feb. 20.....	161,130	93					1	1	
Trieste.....	Feb. 27.....	158,064	83					1	4	1
Ghent.....	Feb. 20.....	150,208	68			2				1
Nuremberg.....	Feb. 20.....	149,507	77							
Hiogo.....	Feb. 5.....	142,394	56				1		2	
Hiogo.....	Feb. 13.....	142,394	63						1	
Hiogo.....	Feb. 20.....	142,394	48				1		1	
Stuttgart.....	Mar. 5.....	139,659	47						10	
Kanagawa.....	Feb. 20.....	135,000			16					
Funchal.....	Feb. 27.....	133,250	22							
Bremen.....	Feb. 27.....	125,600	55						4	
Stettin.....	Feb. 27.....	116,500	45						3	
Havre.....	Feb. 27.....	116,369	71					1	1	1
Catania.....	Feb. 29.....	111,000	54				1	2		
Crefeld.....	Mar. 5.....	108,000	91							
Aix-la-Chapelle.....	Feb. 28.....	106,000	51							
Gothenburg.....	Feb. 27.....	105,800	46					1		
Leghorn.....	Feb. 28.....	103,395	48						2	
Zurich.....	Feb. 27.....	91,323	21					1	8	4
Mannheim.....	Feb. 27.....	80,000	36						4	
Leith.....	Feb. 27.....	69,956	17							
Leith.....	Mar. 5.....	69,956	25					1	1	
Georgetown, Demarara.....	Jan. 9.....	53,176	46							
Georgetown, Demarara.....	Jan. 16.....	53,176	71							
Georgetown, Demarara.....	Jan. 30.....	53,176	77					1		
Georgetown, Demarara.....	Feb. 6.....	53,176	57							
Georgetown, Demarara.....	Feb. 13.....	53,176	66							
Trapani.....	Feb. 27.....	43,095	19							
Marsala.....	Feb. 27.....	40,131	31							
Santos.....	Feb. 6.....	35,000	340	83	11					
Gibraltar.....	Feb. 28.....	25,755	10							
Schiedam.....	Mar. 5.....	25,437	16							
Vera Cruz.....	Mar. 11.....	25,000	3					1		
Girgenti.....	Feb. 27.....	23,549	12							
Kingston, Can.....	Mar. 11.....	19,264	11							
Sagua la Grande.....	Mar. 5.....	18,109	8							
Rio Grande do Sul.....	Jan. 2.....	17,000	20							
Rio Grande do Sul.....	Jan. 9.....	17,000	19							
Rio Grande do Sul.....	Jan. 16.....	17,000	16							
Rio Grande do Sul.....	Jan. 27.....	17,000	18							

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—						
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
Hamilton.....	Mar. 7.....	15,013	2							
Hamilton.....	Mar. 14.....	15,013	1							
Flushing.....	Mar. 5.....	14,000	4							
Matamoras.....	Mar. 11.....	12,000	5							
Sonneberg.....	Feb. 27.....	12,000	5							
Guelph.....	Mar. 12.....	10,539	582							

Cholera, yellow fever, and smallpox in 1891.

The following tables, showing the distribution of cholera, yellow fever, and smallpox, are consolidated from reports received by the Marine-Hospital Bureau:

Cholera in 1891.

Countries and localities.	Deaths.											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
China: Hongkong.....	22	31	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Ceylon: Galle.....												
India:												
Calcutta.....	108	526	258	84	75	56	11	38	88	188	201	154
Singapore (a).....	1	1	1	2	.....	.....	.....	.....	1	.....	.....	.....
Japan:												
Hiogo.....										3	.....	.....
Osaka.....												.....
Siam: Bangkok (b).....												.....
Turkey in Asia: (c)												
Aleppo.....					55	50	234	545	224	34	93	.....
Beirut and Syria.....											47	.....
Damascus.....										319	69	14
Tripoli.....	22	1	.....	.....	.....	.....	.....	.....	13	.....	.....	.....
Yemen.....												

Yellow fever in 1891.

	UNITED STATES.											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Gulf quarantine (d).....						1						
Pensacola quarantine (e).....						1						
FOREIGN.												
Brazil:												
Bahia.....												
Para.....	22	27	36	26	25	24	16	20	10	17	22	13
Pernambuco.....				1		1						
Rio de Janeiro.....	36	123	904	926	1,016	190	106	62	105	5		
Santos.....									22	101	143	
Costa Rica: Punta Arenas (f).....												
Cuba:												
Cardenas.....				7				1	1			
Cienfuegos.....	2	1					1	2	2	13	5	2
Havana.....	11	4	4	5	7	43	65	67	47	49	26	17
Santiago de Cuba.....	7	10	6	4	12	26		3		1		
Ecuador: Guayaquil.....							2	3	14	7	59	
Jamaica:												
Kingston (g).....										1		
Port Royal.....												
Mexico:												
Merida.....	2	3	2	2	8	30	46	19	11	16	21	3
Vera Cruz.....												

a Outbreak of cholera in Singapore, Shanghai, and Swatow during August, 1891. No statistics.
b United States consul reports, under date April 21, 1891, cholera prevailing to an alarming extent, but no way of obtaining statistics.

c February 18, 1891, United States consul reports disappearance of cholera in various provinces of Syria. All quarantine restrictions removed. May 15, 1891, outbreak of cholera among 280 pilgrims from steamship *Sculptor*, landed at Camaran. June 9, outbreak of cholera at Aleppo. July 17, appearance of cholera at Mecca, Medina, and Antioch. Since outbreak of cholera to July 28, 2,594 deaths reported in Hedjaz. To August 19, 3,154 deaths. September 22, 1891, cholera reported completely disappeared from Hedjaz.

d Fourteen cases treated.

e Engineer on steamer *Nigretia* died. Reports for June and December missing.

f Yellow fever reported as existing in Punta Arenas in December, 1891. No statistics.

g Four cases in September.

Smallpox in 1891.

Countries and localities.	Deaths.											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
UNITED STATES.												
Cape Charles Quarantine (a).												
Connecticut.			1									
Hardeeville.		1										
Harris Neck, Ga. (b).												
Jamestown, N. Y.	1											
Kansas City, Mo.			1									
Memphis, Tenn.												
New York State.				1								
Philadelphia, Pa.				2	2							
Point Pleasant, N. J.												2
Port Townsend Quarantine (c).												
St. Louis, Mo.												1
Salem, N. H.		1										
San Antonio, Tex.							1					
San Elizario, Tex. (d).												
San Francisco Quarantine (e).												
Savannah, Ga.	3	5										
FOREIGN.												
Austria:												
Trieste.												
Vienna.	17	14	68	32	64	36	39	17	5	15	2	4
Brazil:												
Ceara.					1	1	1					
Pernambuco.	35	21	12	5	2	2						
Rio de Janeiro (f).	39	15	13	42	63	309	786	1,000	738	97		1
Rio Grande do Sul.							7	2	3	2	1	3
Santos.											5	
Belgium:												
Antwerp.		3			2	2	6				1	
Brussels.	51	44	47	77	62	32	10	6	4	3	1	1
Ghent.	1	1	2		2	1	2	1	5	2	5	2
Cape Verde: Mindelo.						5	2					
Canada (g).												
Ceylon:												
Colombo.	49	52	11	18	6	2					1	
Galle.			6									
Chile: Concepcion City.	27	8	14	8	14	16						
China: Hongkong.			4	8	1							
Cuba:												
Havana.	2	2	2	14	27	33	30	28		1		1
Santiago de Cuba.	1											
Denmark: Copenhagen.		5										
Ecuador: Guayaquil.	37	17	9									
Egypt.	4	6	9	16	15	11						14
England:												
Liverpool.						1					1	
London.			1	2	1	3	1					
France:												
Lyons.								1				
Marseilles.	87	55	48	40	32	22	23	23	10	43	21	13
Nice.			2	1	2	1	1	1		1		
Paris.	5	8	8	1	2	2	3	4	1	2		1
Rheims.											1	1
Germany:												
Bremen.		1		1				2				
Leipzig.							1					
Prague.	8	5	3	1	3	2	1	2	2	8	10	7
Honduras: Tegucigalpa (h).									1	2		
Holland: Amsterdam.												

^aSteamer *Helmsley*, 15 cases.^bEpidemic started August 16. Twelve deaths to November 16; only 1 death from November 16 to December 31.^cTwo cases on board *City of Pekin*, 1 death.^dSeveral cases reported November 10, 1891.^eEight cases on *City of Rio de Janeiro*.^fReports for June and December missing.^gSmallpox believed to have been brought by steamship *Brazilian* from Montevideo via London. First case on ship April 22. There were 149 cases and 31 deaths during epidemic until December 28, 1891.^hSeventy-three cases and 6 deaths reported April 4, 1891.

Smallpox in 1891—Continued.

Countries and localities.	Deaths.											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
India:												
Calcutta.....	2	3	1		1	1	1	1				
Singapore.....	1		2		3	2	3					
Ireland: Belfast.....					1							
Italy:												
Genoa.....	3	1								1		2
Milan.....	1				1	1						
Rome.....	2		2	1			1				1	1
Turin.....												
Venice.....	17	1	1					1			1	
Madagascar: Tamatave (a).....												
Madeira: Funchal.....	5	1	4	2								
Mexico:												
Matamoras.....	2		1			1						
Tuxpan.....		1										
Vera Cruz.....							1					
Norway: Christiania.....			1									
Russia:												
Moscow.....					7							
Odessa.....			1	4		1					1	1
Warsaw.....	23	9	11	7	5	13	12	12	4	8	12	13
Scotland: Glasgow.....								1				
Sicily: Messina.....	4	2										
Spain:												
Barcelona.....	18	16	24	24	24	15	17	19	10	11	8	9
Cadiz (b).....			5	2	2	2	4	5				
Jerez de la Frontera.....	17	17	12	4	9	5	2	5	2	9	7	1
Switzerland: Zurich.....					1	1	4		35	45		40
Turkey: Constantinople.....												
West Indies: St. Thomas.....					3	1						

a August 9, 1891, several cases declared.

b October 29, 1891, epidemic smallpox reported.

OFFICIAL:

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